

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ken A. Nishimura & Jonathan Simon

Serial No.:

Examiner:

Filing Date: 3/1/2002

Group Art Unit:

Title: Method of optical mux-demux utilizing mode modulation via a PRBS sequence



COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or  
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:  
☐ Statement under 37 CFR 1.97(e), or  
☐ a \$180.00 Processing fee under 37 CFR 1.17(p), or  
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97 (d) together with a:  
☐ Statement under 37 CFR 1.97(e), and  
☐ a \$180.00 processing fee under 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **50-1078** the sum of **\$0.00**. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **50-1078** pursuant to 37 CFR 1.25.

☐ Applicant(s) submit herewith Form PTO 1449. All the references identified herein were disclosed in Patent Application No. \_\_\_\_\_ filed \_\_\_\_\_, now U. S. Patent No. \_\_\_\_\_, and, as such, copies thereof are not included pursuant to the provisions of 37 CFR 1.98(d).

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. **EL584488782US**

Date of Deposit **3/1/2002**

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231.

By

Sherre Anne Treat

Typed Name: Sherre Anne Treat

Respectfully submitted,

Ken A. Nishimura & Jonathan Simon

By

Michael H. Jester

Attorney/Agent for Applicant(s)

Reg. No. **28,022**

Date: **3/1/2002**



Application No.: To be Assigned

Filing Date: Herewith

Group Art Unit: To be Assigned

EXAMINER  
INITIAL

DOCUMENT NUMBER

DATE \_\_\_\_\_

NAME \_\_\_\_\_

CLASS

SUBCLASS

FILING DATE IF  
APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT  
NUMBER

DATE \_\_\_\_\_

COUNTRY

CLASS

SUBCLASS

TRANSLATION

YES

NC

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

S. Särkimukka et al., "Mitigation of Polarization-Mode dispersion in Optical Multichannel Systems", Journal of Lightwave Technology, Vol. 18 No. 10, October 2000 (pgs 1374-1380).

Jonas Hansryd et al., "Impact of PMD on Four-Wave-Mixing-Induced Crosstalk in WDM Systems" *Photonics Technology Letters*, Vol. 12 No. 9, September 2000 (pgs 1261-1263).

Xiupu Zhang et al., "Polarization-Division Multiplexed Solitons in Optical Bifers with Polarization-Mode Dispersion"  
Photonics Technology Letters, Vol. 10 No. 12, December 1998 ( pgs 1742-1744).

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.  
(2/92 PTO)





